

**IN THE SPECIFICATION**

Further to 37 CFR § 1.121(b)(2) (Amendment by replacement section), at page 1, just after the title, just before the Field of the Invention, kindly replace the "Related Applications" section (as last amended December 28, 2006) with the following replacement section:

**–Related Applications**

The present application is a continuation of: A) U.S. Patent Application Serial No. 09/676,124 filed September 29, 2000, which is a continuation of U.S. Patent Application Serial No. 09/373,337 filed August 12, 1999 (issued as U.S. Patent No. 6,188,066 on February 13, 2001, which is a continuation of U.S. Patent Application Serial No. 08/794,970 filed February 5, 1997 (issued as U.S. Patent No. 5,962,851 on October 5, 1999), which is a continuation of U.S. Patent Application Serial No. 08/645,826 filed May 14, 1996 (issued as U.S. Patent No. 5,652,427 on July 29, 1997), and which is a continuation of U.S. Patent Application Serial No. 08/202,505 filed February 28, 1994 (abandoned); and is also a continuation in part of B) U.S. Patent Application Serial No. 09/808,468 (issued as U.S. Patent No. 7,019,285 on March 28, 2006), which is a continuation of U.S. Patent Application Serial No. 09/448,857 filed November 23, 1999 (abandoned), which is a continuation of U.S. Patent Application Serial No. 08/971,521 filed November 17, 1997 (issued as U.S. Patent No. 6,020,586 on February 1, 2000) which is a continuation of U.S. Patent Application Serial No. 08/689,459 filed August 9, 1996 (issued as U.S. Patent No. 5,689,111 on November 18, 1997), and which claims the priority of U.S. Provisional Application Serial No. 60/002,118 filed August 10, 1995, and U.S. Provisional Application Serial No. 60/002,122 filed August 10, 1995. The priority of all of the prior applications is claimed.

On page 19 of the Specification, right before the "Description of the Invention" please add the following:

Figure 11, is a relative timing diagram of the ion guide exit lens and the time-of-flight repeller lens voltages.